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UTILITY PATENT APPLICATION **TRANSMITTAL**

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Attorney Docket No.	328p-Kim	
First Inventor	KIM	
Title	MULTI-DIMENSIONED	\mathbf{E}^{p}
Express Mail Label No.	ER 109417216 US	

See MPEP		TON ELEMENTS uning utility patent application contents.	ADDR	ESS TO:	P.O. Box 145				
1. \[\] Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) Applicant claims small entity status. See 37 CFR 1.27. 3. \[\] Specification [Total Pages 37] [preferred arrangement set forth below) - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 4. \[\] Drawing(s) (35 U.S.C. 113) [Total Sheets 14] 5. Oath or Declaration [Total Sheets 3] a. \[\] Newly executed (original or copy) b. \[\] Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed) i. \[\] \[\			(if a _i a. b. c.	Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. Computer Readable Form (CRF) b. Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies); or ii. Paper c. Statements verifying identity of above copies ACCOMPANYING APPLICATION PARTS 9. Assignment Papers (cover sheet & document(s)) 10. 37 CFR 3.73(b) Statement Power of (when there is an assignee) Attorney 11. English Translation Document (if applicable) 12. A Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations 13. Preliminary Amendment 14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)					
18. If a CONTI specification fo	INUING APPLIC	ATION, check appropriate box, and su or in an Application Data Sheet under	ipply the req 37 CFR 1.70	uisite information i					
Conti	nuation	Divisional Continu	uation-in-part (CIP) of prior	r application I	No.:			
Prior application information: Examiner Art Unit: For CONTINUATION OR DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.									
		19. CORRESPO	NDENCE A	DDRESS					
Custon	mer Number:			OR 🖾	Corresp	ondence ado	Iress below		
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Signature	7	5 DOL OUT				Date	1-11		

This collection of information is required by 37 CFR 1.53(b). The Information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Approved for use through 07/31/2006, OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Compl te if Known **FEE TRANSMITTAL** Application Number Filing Date for FY 2004 KIM First Named Inventor Effective 10/01/2003. Patent fees are subject to annual revision. Examiner Name ⟨ y | Applicant claims small entity status. See 37 CFR 1.27 Art Unit 328p-Kim 385.00 **TOTAL AMOUNT OF PAYMENT** (\$) Attorney Docket No. FEE CALCULATION (continued) METHOD OF PAYMENT (check all that apply) Υχ Check Money 3. ADDITIONAL FEES None Large Entity , Small Entity Deposit Account: **Fee Description** Deposit Fee Paid Code (\$) Code (\$) Account 2051 Surcharge - late filing fee or oath 1051 130 65 Number Deposit Surcharge - late provisional filing fee or 1052 50 2052 25 Account cover sheet Name Non-English specification 1053 130 1053 130 e Director is authorized to: (check all that apply) For filing a request for ex parte reexamination 1812 2,520 1812 2.520 Credit any overpayments Charge fee(s) indicated below 920* Requesting publication of SIR prior to 920 1804 1804 Charge any additional fee(s) or any underpayment of fee(s) Charge fee(s) indicated below, except for the filing fee Requesting publication of SIR after 1805 1,840 1805 1,840* Examiner action to the above-identified deposit account. Extension for reply within first month 1251 110 2251 55 **FEE CALCULATION** Extension for reply within second month 1252 420 2252 1. BASIC FILING FEE 475 Extension for reply within third month 1253 950 2253 arge Entity Small Entity Fee Paid Fee Description 1254 1,480 2254 Extension for reply within fourth month 1,005 Extension for reply within fifth month 1255 2,010 2255 1001 770 2001 385 Utility filing fee 1401 2401 330 165 Notice of Appeal 1002 340 2002 170 Design filing fee 165 Filing a brief in support of an appeal 1402 330 2402 1003 530 2003 265 Plant filing fee 145 Request for oral hearing 1403 290 2403 1004 770 2004 385 Reissue filing fee 1451 1,510 Petition to institute a public use proceeding 1005 160 2005 Provisional filing fee 1451 1.510 SUBTOTAL (1) (\$)385.00 1452 110 2452 55 Petition to revive - unavoidable 1453 1.330 2453 665 Petition to revive - unintentional 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE 1501 1.330 2501 665 Utility issue fee (or reissue) Fee from Fee Paid Ext<u>ra Claim</u>s 1502 2502 240 Design issue fee 480 below Total Claims Х -20** 1503 640 2503 320 Plant issue fee Independent 1460 130 1460 130 Petitions to the Commissioner Multiple Dependent 50 Processing fee under 37 CFR 1.17(q) 1807 50 1807 arge Entity Small Entity 180 Submission of Information Disclosure Stmt 1806 180 1806 Fee Description 40 Recording each patent assignment per Code (\$) Code (\$) 8021 8021 40 property (times number of properties) Claims in excess of 20 1202 18 9 385 Filing a submission after final rejection (37 CFR 1.129(a)) 1809 770 2809 Independent claims in excess of 3 1201 86 43 2201 385 For each additional invention to be examined (37 CFR 1.129(b)) Multiple dependent claim, if not paid 1203 290 2203 145 1810 770 2810 1204 86 2204 43 ** Reissue independent claims 385 Request for Continued Examination (RCE) over original patent 1801 770 2801 Request for expedited examination 1802 900 1802 1205 18 2205 ** Reissue claims in excess of 20 of a design application and over original patent Other fee (specify) SUBTOTAL (2) (\$) *Reduced by Basic Filing Fee Paid (\$) -0-SUBTOTAL (3) **or number previously paid, if greater, For Reissues, see above (Complete (if applicable)) SUBMITTED BY Registration No. Telephone 303-278-9973 Name (Print/Type) Craig Barber ₩. (Attorney/Agent) Signature

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